

**KIT CONTENTS LIST FOR USE WITH: Exploring Creation with Physical Science  
3rd Edition**

**Apologia Educational Ministries**

*Home Science Tools is not affiliated with the above curriculum publisher.*

<u>Text Reference</u>	<u>Item Description</u>	<u>Item Quantity</u>	<u>Notes</u>
	Apologia Physical Science - Tests & Key <i>(AM-KEYPSCI)</i>		Purchase separately.
	Apologia Physical Science Student Notebook <i>(AM-PSCINBK)</i>		Purchase separately.
	Apologia Physical Science Textbook <i>(AM-TEXTSCI)</i>		Purchase separately. Kit designed for use with the textbook.
Curriculum Set	Apologia Physical Science - Text, Tests, & Key <i>(AM-PHSCIEN)</i>		Purchase separately if you do not have the curriculum already.
Multiple	Chemical Splash and Impact Safety Goggles, Adult <i>(CE-GOGGLE1)</i>	1	
Multiple	Digital Stop Watch, 2" <i>(ME-STOPWAT)</i>		Use a phone or computer as a timer.
Multiple	Measuring Cups, Set of 5 <i>(CE-MECUP)</i>		Use measuring cups from home to complete experiments
Multiple	Measuring Spoons, Set of 6 <i>(CE-MESPOON)</i>		Use measuring spoons from home to complete experiments.
1	Alka-Seltzer tablets, 2 pack <i>(CH-ALKASEL)</i>	1	
1	Card stock, 110#, 8-1/2" x 11", white <i>(PT-CARDSTK)</i>	1	
1	Digital Pocket Scale, 500 g x 0.1 g <i>(BS-DBP500)</i>		Purchase separately. A kitchen scale will work to complete the experiment.
1	Magnifying Glass, 2", 3X Lens <i>(OP-MAGNIFY)</i>	1	
1, 10	Protractor, 6" semi-circle <i>(ME-PROTRSM)</i>	1	
1, 2	Washers, 1", 5 pack <i>(GS-WASHERS)</i>	1	
1, 2, 4, 14	Beaker, glass, 600 ml <i>(CE-BEI0600)</i>	1	Use in place of large jar.
1, 2, 4, 11	Paper Clips, small size, box <i>(GS-PCLIPSM)</i>		Use paper clips from home or purchased from your local supply store.
1, 2, 7	Ball, steel, 0.5" <i>(MC-BALLS2S)</i>	1	
1, 3, 8, 11	String, heavy cord, 25' <i>(MC-STRING)</i>	1	
1, 6, 7, 8, 9, 10	Tape Measure, Flexible, 150 cm <i>(ME-TAPE1)</i>	1	
1, 6, 8, 10	Ruler, 30 cm <i>(ME-RULER)</i>		
2	Corks, No. 2, pack of 2 <i>(CE-CORK02)</i>	1	Includes 2 corks.
2	Isopropyl Alcohol, 90%, 30 ml <i>(UN-ISOPALC)</i>		Use rubbing alcohol from home or purchased from your local grocery store.
2, 11	Copper Wire, insulated, #24, 15' <i>(EL-WIRE24H)</i>	1	
2, 3, 4, 5, 7	Beaker, glass, 250 ml <i>(CE-BEI0250)</i>	1	Use this beaker in place of glass cups or bowls.

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2, 4	Vegetable Oil, 6 oz. (CH-VEGEOIL)		Use vegetable from home or purchased from your local grocery store.
2, 4, 5	Food Coloring, 4 colors (CH-FOODCOL)	1	Includes 4 colors.
2, 4, 7, 9, 11, 13	Balloon Set of 9 (GS-BALLOON)	1	
2, 4, 9, 13, 14	 (CE-BEAKCUP)	2	Use in place of 4 glasses in Modules 2 & 4 and plastic tub in module 9.
2, 5	Battery, 9-volt, alkaline (EL-BALK9V)	1	
2, 5, 7, 13	Baking soda, food grade, 1 lb or 450g (CH-BKGSODA)		Use baking soda from home or purchase at your local grocery store.
3	Chenille Stems, White, 4mm, 12" long (PT-CHENWHT)	16	
3	Owl Pellet Probe 6" (PT-OWLPROB)	2	
3	Pony Beads, Yellow, 9mm x 6mm, 100 pack (PT-BEAD100Y)	1	
3	Round Push Pin, Blue, 1/8 inch, Individual (PT-PINBLU)	20	
3	Round Push Pin, Red, 1/8 inch, Individual (PT-PINRED)	20	
3	Sodium Chloride, 30 g (CH-NACL)		Use table salt from home or purchased from your local grocery store.
3	Styrofoam balls, 2" diameter, 2-pack (GS-STYBAL2)	1	
3, 7	Fishing line, 15#, 2 yards (PT-FLINE2Y)	1	
4	 (CE-CUPSTY12)	1	
4	Microscope Slides, plain glass, 72 pack (MS-SLIDP72)	2	2 slides included.
4, 12, 14	Pipet (medicine dropper) (CE-DROPPER)	1	
4, 14	Toothpicks, pack (GS-TOOTHPI)		Use toothpicks from home or purchased from your local grocery store.
4, 7	Straws, clear plastic (PT-STRAWCL)	2	
5	Acetone, 30 ml (UN1090)		Use nail polish remover from home or purchased from your local supply store.
5	Biodegradable Packing Peanuts, 10/pack (PT-BFOAM10)	1	Provided for the optional activity.
5	Epsom salt, food grade, 1 lb or 450 g (CH-FGEPSON)	1	
5	Hydrogen Peroxide 6%, 30 ml (CH-H2O2)		Use hydrogen pyroxide from home or purchased from your local grocery store.
5	Nu-Salt, salt substitute, 3 oz (CH-SALTSUB)	1	
5	Steel Wool (GS-STLWOOL)	1	
5	Test Tubes, large 16 x 150 mm (CE-TTUBELG)	1	
5	Yeast, packet (LM-YEAST)	2	
5, 10, 13	Plastic Student Thermometer (ME-THERMPL)	1	
6	9 X 12 Corrugated Cardboard Sheet (PT-CARDBRD)		Use the box the kit came in to complete this experiment.
7	Rubber Stopper, #3, solid (CE-STOP03C)	1	

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7, 12	Aluminum Pie Plate, 9" diameter (PT-PIEPAN9)	1	
8	Body Weight Scale, Economy (BS-BODYSCALE)		Purchase separately. A bathroom scale at home can be used to complete the experiment.
8	Tennis ball (GS-BALLTNS)		Optional "You Do Science" experiment.
8, 9, 13	Rubber bands, 1.4 oz. bag (GS-RUBBAND)	1	
9	Candle, tea light (OP-CANDTEA)	1	
10	CD blank (PT-CKWHLCD)	1	Optional "You Do Science" experiment.
10	Construction paper, black (PT-PAPCSBK)	1	
10	LED Flashlight, 25 Lumens (OP-LIGHT4)		Use a flashlight from home to complete the experiment.
10	Mirror, glass plane, 4"x 4" (OP-MIRROR3)	1	
11	Battery, D, heavy duty, 2 pack (EL-BATTD2)	1	
11	Nail, 16D, bright box (PT-NAIL16C)	1	
12	Chalk (calcium carbonate), Non-Toxic (CH-CHALK)	1	Provided for the optional "You Do Science" experiment.
12	Cornstarch, food grade, 1 lb or 450 g (CH-CORNSTC)		Use cornstarch from home or purchased from your local grocery store.
13	Beaker Tongs (CE-TONBEAK)		Use any tongs from home to complete experiments.
14	Iodine (Lugol's) Biological Stain Solution, 30 ml (CH-IODINE)	1	
14	Marshmallows, Mini, 16 oz (CE-MARSHMI)		Purchase mini-marshmallows from the grocery store.
14	Table Tennis Ball (PT-BALLPP)	1	Optional "You Do Science" experiment.
14	Vitamin C, 250mg , 1 tablet (PT-VITAMNC)		Purchase Vitamin C packet from your local grocery store.

1. The products in this kit are intended for parent/teacher use to complete curriculum lab activities with students.
2. Some items are not designed for or intended primarily for children ages 12 and under.
3. Some materials and many chemicals we provide are dangerous and may be harmful if misused. With your purchase, you are assuming all responsibility for any injuries or damages resulting from the storage, use, and disposal of all materials and chemicals.
4. Some products may differ from the web image (such as clay, food coloring, etc.)
5. Some items readily available at grocery stores or not offered by Home Science Tools are not included.
6. We guarantee that you will be happy with every purchase from HST. All products are covered by our 90-day money-back guarantee.

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